

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-20 23:19:44
Date of Next Testing: 2024-02-20 23:19:44
Product Name: **Glycyrrhizic acid potassium salt, hydrate**
CAS Number: 68797-35-3
Specifications & Purity: $\geq 75.0\%$ (HPLC)
Lot #: B2217338
SKU #: **G133556**
Analysis: **069169**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1.5 \text{ in H}_2\text{O})(\text{calcd. on anhydrous substance})$	47-55 (°)	54.38°
Purity(HPLC)	75-100 (%)	86.42900 %
Potassium(K)(anhydrous)	6.5-8.7 (%)	6.56 %
Water by Karl Fischer	0-10 (%)	5.89 %
Appearance (G133556)	White powder	White powder
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager